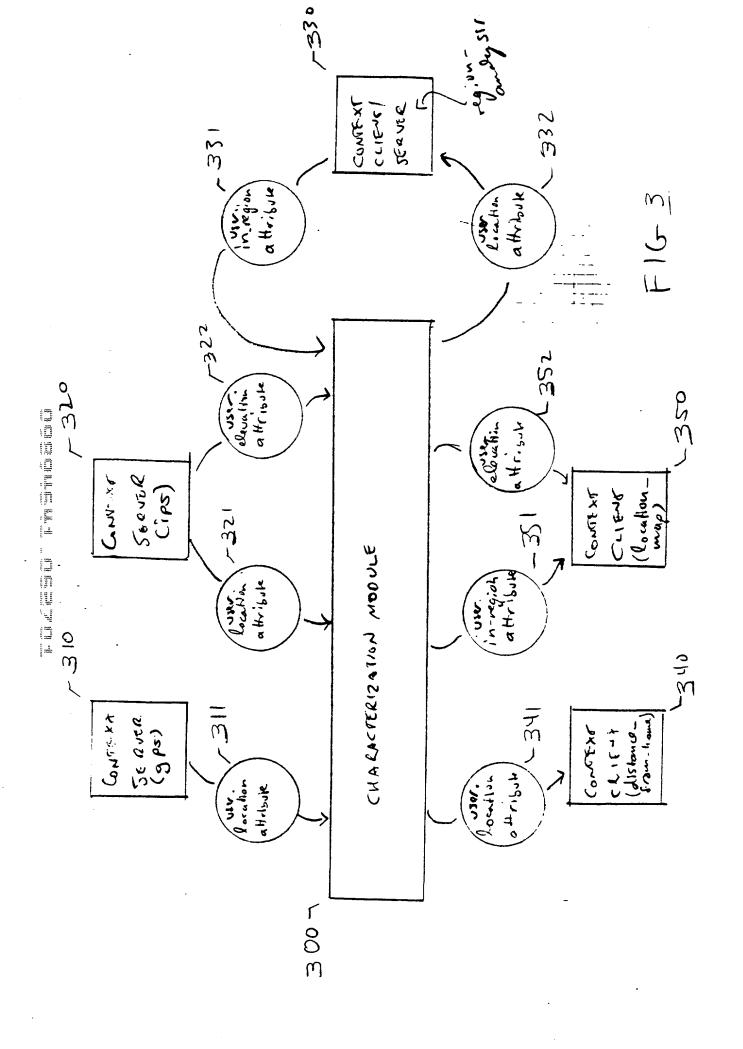


Fig. 2



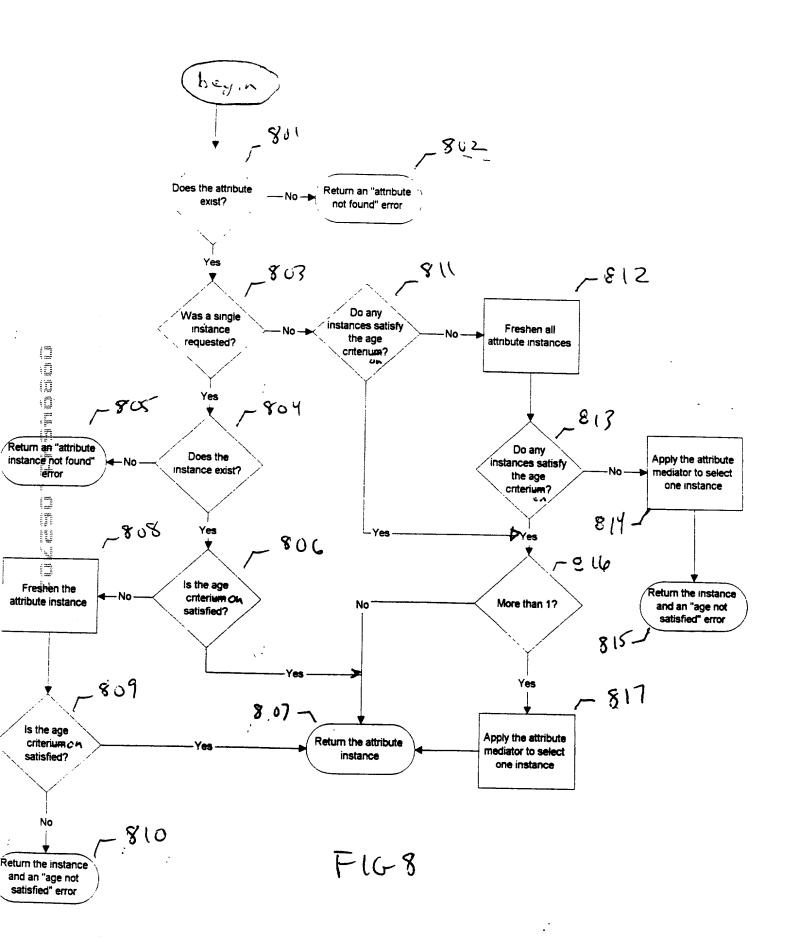
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		context client table	1600
	context client name	message handler	
(100)	location map	(reference)	
500	distance from home	(reference)	
100	region analysis	(reference)	
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6 1717	716	75/2	ト, イ ノ FIG 7	1713	1 1712	1127
	,				analysis) !
-	none	none	none	none	location region	user in_region
		2/22/2000				
	meters	13:11:01.118	.S.	22	sdi	user elevation
	,	2/22/2000		122° 18.424' W		
2	degrees/minutes	13:11:01.118	0°.021'	47° 38.745' N,	ips	user location
		2/22/2000		122° 18.43' W		
2	degrees/minutes	13:11:04.023	,60°,0	47° 38.73' N,	gps	user location
consuming						•
context clients					name	,
number of	units	timestamp	uncertainty	value	context server	attribute name
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2	degrees/minutes	13:11:01.118	0°.021'	47° 38.745' N,	sdi	user location
		2/22/2000		122° 18.43' W	5	
2	degrees/minutes	13:11:04.023	,60°,0	47° 38.73' N,	gps	user location
consuming		•				
context clients					name	
number of	units	timestamp	uncertainty	value	context server	attribute name

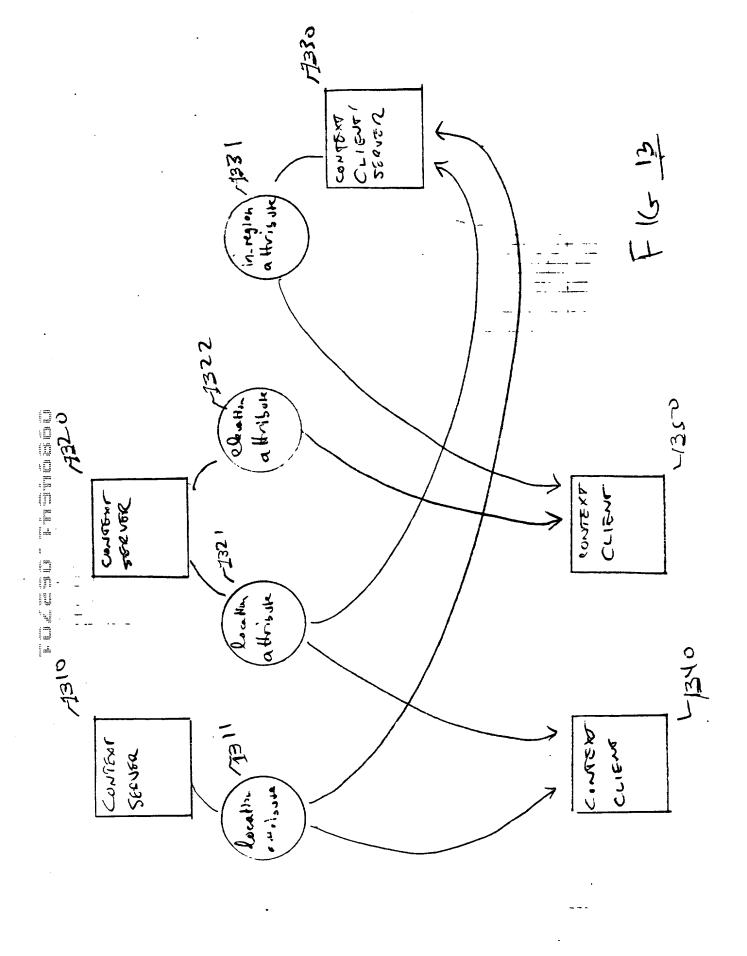
						COMMINGINI LADIC
	condition name	context client name	first logical	second logical	comparison value	logical operator
			parameter	parameter		
100	lool in region true	region analysis	user in region		TRUE	11
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condition	condition last trigger handler evaluated reference	(reference)		V=10 V=10
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	context client	name	region_bounda region_analysi in_region_true TRUE or	S
	condition	monitor name	region_bounda	ry crossed
			7	<u>ā</u>

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	condition	context client	condition	behavior	frequency	condition last	trigger h refere	stopped	
	monitor name	name	name			12.11.50 101	(reference)	ves	
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attribute request table

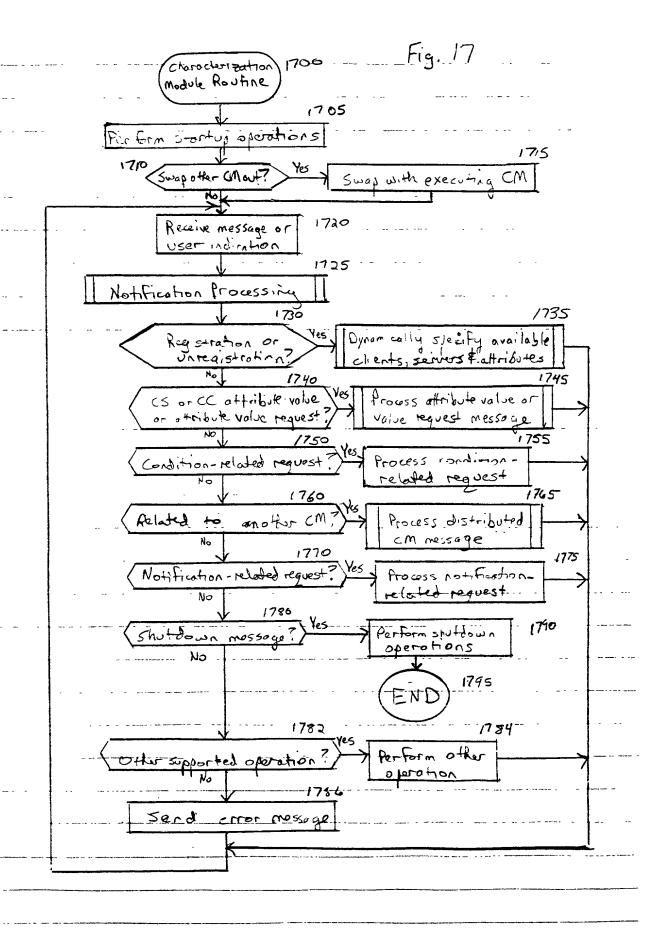
attribute name	context client name
user.location	distance_from_home
user.in_region	location_map
user.location [gps]	location_region_analysis
user.elevation	location_map
(1411	Figure 14 7/1/2

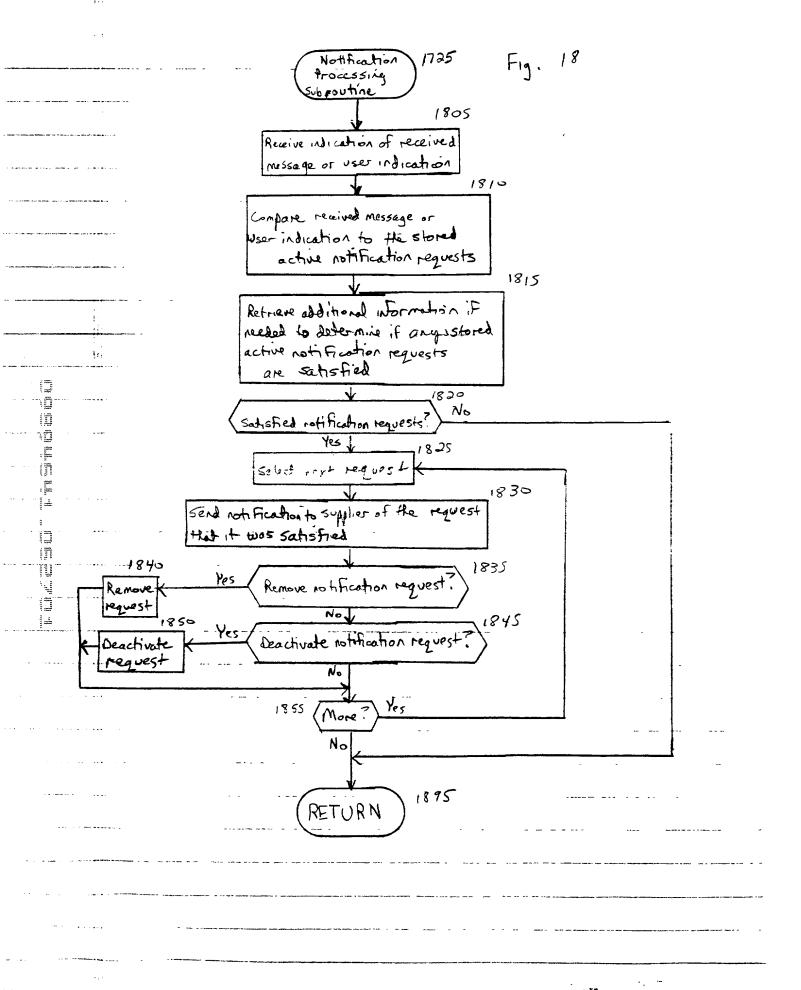
User.	Platform. (continued)
Desired privacy_level	CPU.
Interruptibility	Load Fig. 15
Speed	Speed J'
Direction	Memory.
Acceleration	Total_capacity
Availability.	Used
Cognitive_availability	Storage.
Tactile_availability	Total_capacity
Manual_availability	Used
Visual_availability	Connectivity.
Oral_availability	Connection_status
Auditory_availability	Connection_speed
Proximity. <item name="" or="" place=""></item>	Connection_type/device
Mood.	Connection_activity
Happiness	Power.
Sadness	Power_source
Anger	Power_level
Frustration	Environment.
Confusion	People.
Activity.	Nearest
Driving	Number_present
Eating	Number_close
Running	Local.
Sleeping	Time
Talking	Date
Typing	Temperature
Walking	Pressure
Location.	Wind_speed
Place_name	Wind_direction
Latitude	Absolute humidity
Longitude	High_forecast_temperature
Altitude	Low_forecast_temperature
Room	People_present
Floor	Ambient_noise_level
Building	Ambient_light_level
Address	Days. <pre>previous or future>.</pre>
Street	High_temperature
City	Low_temperature
County	Precipitation_type
State	Precipitation_amount
Country	Place. <pre></pre>
Postal_Code	Application.
Destination. (same as User.Location.)	Mail.
Physiology.	Available
Pulse	New_messages_waiting
Body_temperature	Messages_waiting_to_be_sent
Blood_pressure	Phone.
Respiration	Available
Person. <name id="" or="">. (same as User.)</name>	In_use
Platform.	On/off
UI.	Notification_mechanism
Oral_input_device_availability	Call_incoming
Manual_input_device_availability	Caller_ID
Tactile_output_device_availability	Sound_recorder.
Visual_output_device_availability	Available
Auditory_output_device_availability	Recording

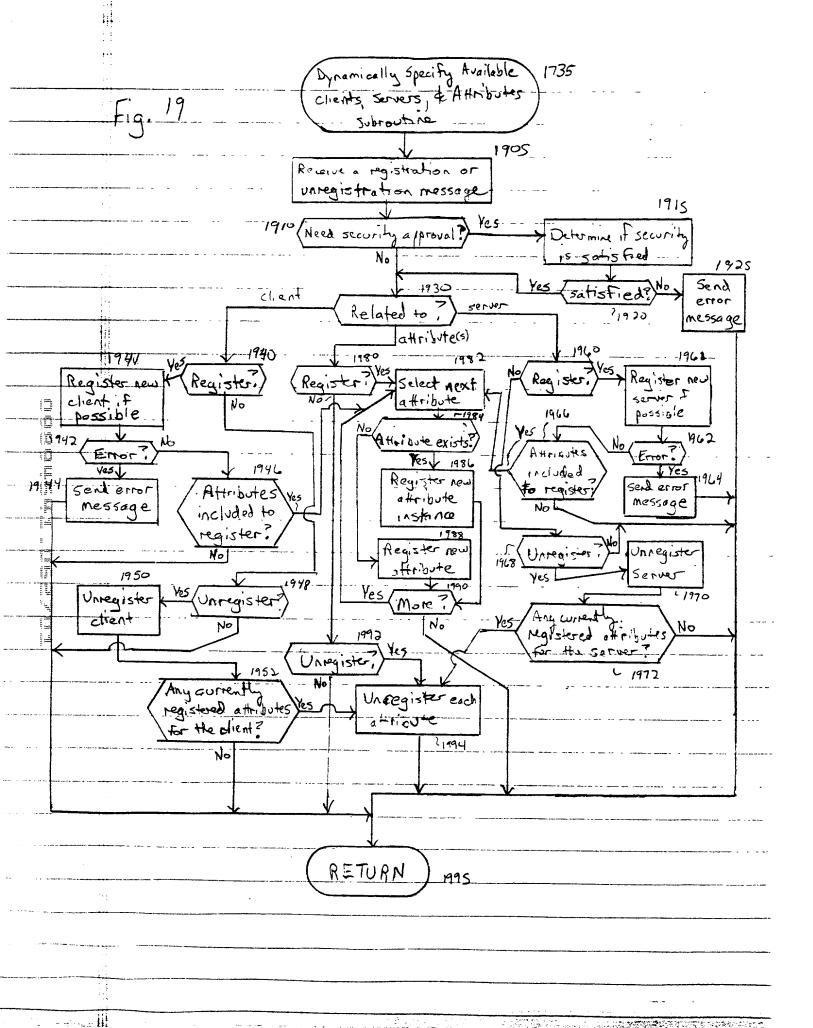
- 1) User Setting
 - a) Mental Context
 - i) Meaning
 - ii) Cognition
 - (1) Divided User Attention
 - (2) Task Switching
 - (3) Background Awareness
 - iii) Solitude
 - iv) Privacy
 - (1) Desired Privacy
 - (2) Perceived Privacy
 - v) Social Context
 - vi) Affect
 - b) Physical Situation
 - i) Body
 - (1) Biometrics
 - (2) Posture
 - (3) Motion
 - (4) Physical Encumberment
 - (a) Senses
 - (i) Eyes
 - (ii) Ears
 - (iii) Tactile
 - (iv) Hands
 - (v) Nose
 - (vi) Tongue
 - (b) Workload demands/effects
 - (c) Interaction with computer devices
 - (d) Interaction with people
 - (e) Physical Health
 - ii) Environment
 - (1) Time/Space
 - (2) Objects
 - (3) Persons
 - (a) Audience/Privacy Availability
 - (i) Scope of Disclosure
 - (ii) Hardware affinity for privacy
 - (iii) Privacy Indicator for User
 - (iv) Privacy Indicator for Public
 - (v) Watching Indicator
 - (vi) Being Observed Indicator
 - (4) Ambient Interference
 - (a) Visual
 - (b) Audio
 - (c) Tactile

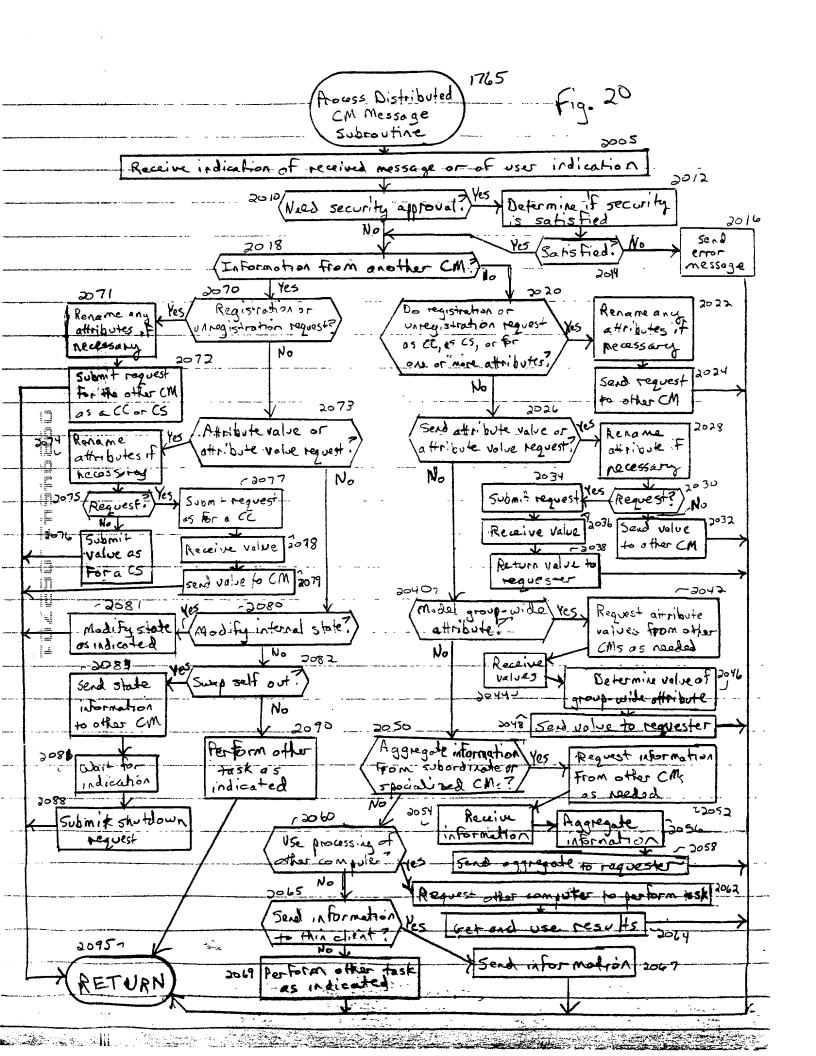
- 2) Computer
 - a) Power
 - b) Configuration
 - i) User Input Systems
 - (1) Hand/Haptic
 - (a) Keyboard/Keystrokes
 - (2) Voice/Audio
 - (3) Eve Tracking
 - (4) Cursors
 - (a) Axis
 - (b) Resolution
 - (i) Selection
 - (ii) Invocation
 - (c) Accelerators
 - ii) Output Systems
 - (1) Visual
 - (a) Resolution
 - (2) Audio
 - (a) Public/Private
 - (3) Haptic
 - iii) External Resources
 - (1) I/O devices
 - (2) Connectivity
 - c) Data
 - i) Quantity/State
 - ii) Urgency/Importance
 - (1) Use of Prominence
 - iii) Modality
 - iv) Sensitivity/Purpose
 - (1) Privacy Issues
 - (2) Use of Association
 - (3) Use of Safety
 - v) Source/Ownership
 - (1) Types
 - (a) User generated
 - (b) Other computers or people
 - (c) Sensor
 - (d) PC State
 - (2) Use of Association

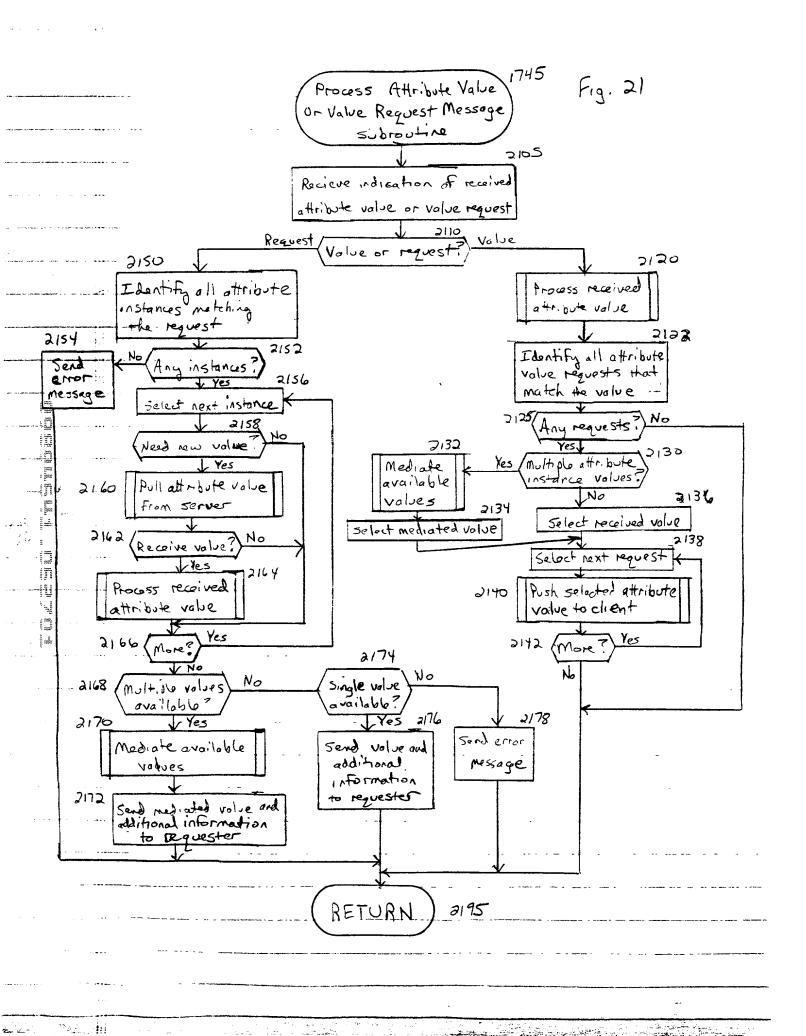
Fig. 16

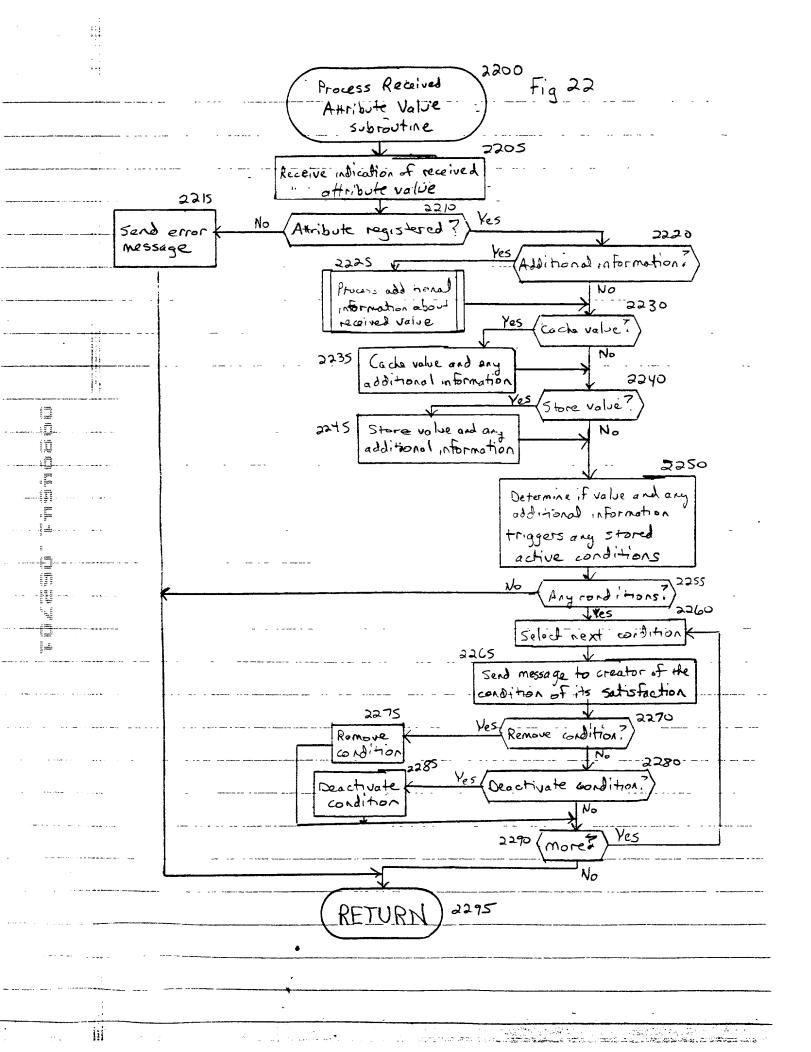


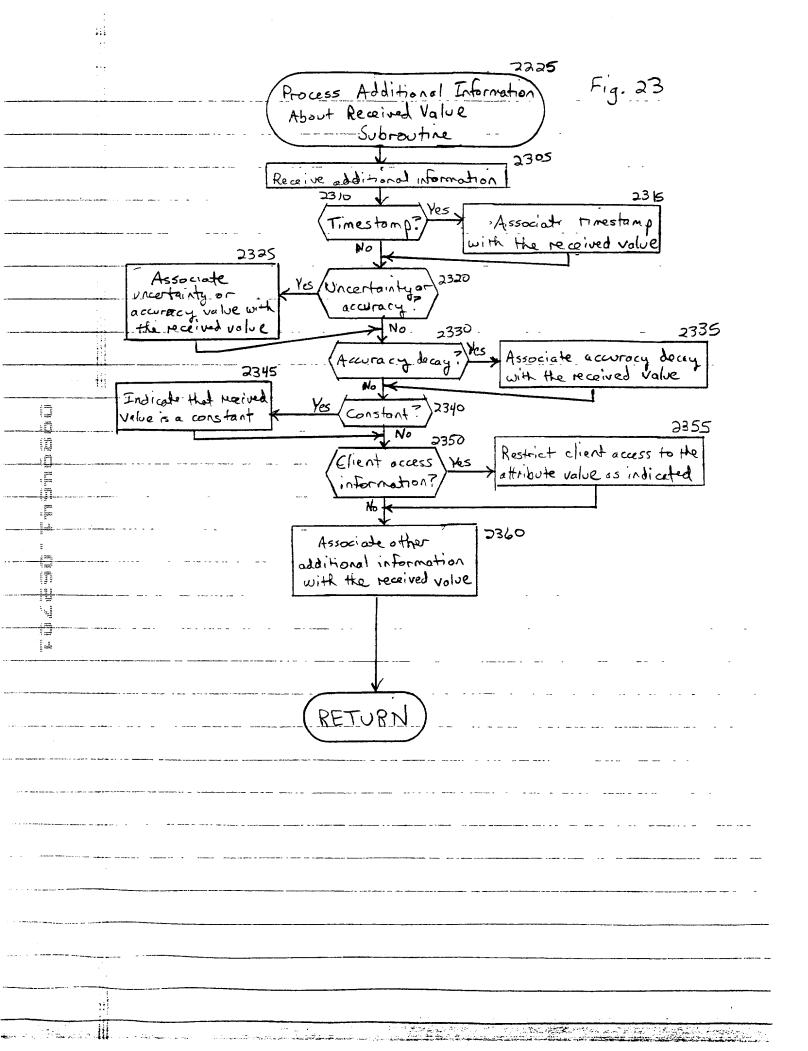


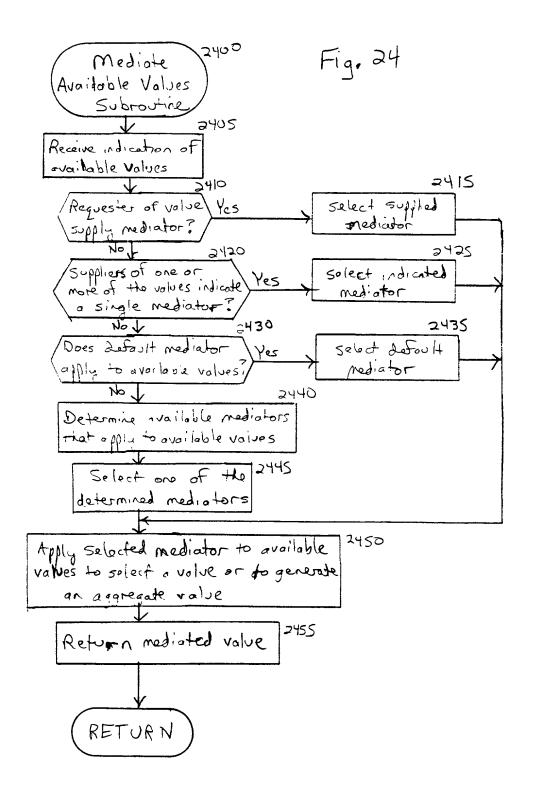












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